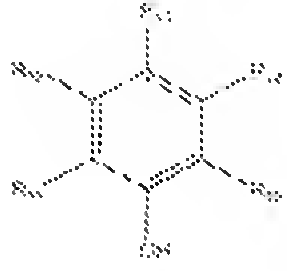
ABSTRACT OF THE DISCLOSURE

A method of producing a phenolic polymer comprising: a) protecting at least one hydroxyl group of a substituted or unsubstituted phenol represented by Structural Formula (XVIX):



(XVIX)

wherein R_{11}, R_{12}, R_{13}, R_{14} and R_{15} are independently H, -OH, -NH$_2$, -SH, a substituted or unsubstituted alkyl or aryl group, a substituted or unsubstituted alkoxycarbonyl or aryloxycarbonyl group, a substituted or unsubstituted alkoxy group or a salt thereof, unsubstituted carboxylic acid group, or R_{11}, R_{12}, R_{13}, R_{14} or R_{15} in conjunction with an adjacent R_{11}, R_{12}, R_{13}, R_{14} or R_{15} forms a substituted or unsubstituted alkylenedioxy group, provided that at least one of R_{11}, R_{12}, R_{13}, R_{14} and R_{15} is a tert-butyl group, 1- ethoxy-2-carboxyne acid or ester thereof, a substituted or unsubstituted alkylene oxy group or a substituted or unsubstituted n-alkoxycarbonyl group, at least one of R_{11}, R_{12}, R_{13}, R_{14} and R_{15} is a hydroxyl group, and at least one of R_{11}, R_{12}, R_{13}, R_{14} and R_{15} is H, with a protecting group, wherein thereby obtaining one or more protected hydroxyl groups; and b) polymerizing the substituted or unsubstituted phenol, thereby obtaining the phenolic polymer.